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A Statistical record showing the comparative...

[Grand Rapids, Mich.]

[1916]

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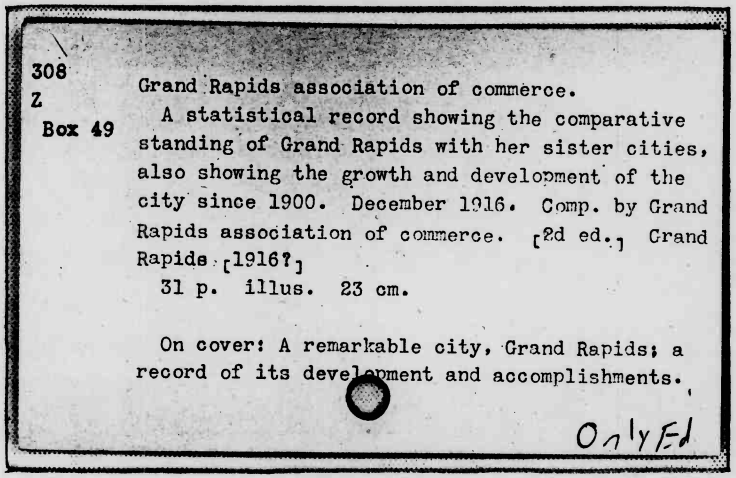

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Box 49

Grand Rapids association of commerce.
A statistical record showing the comparative standing of Grand Rapids with her sister cities, also showing the growth and development of the city since 1900. December 1916. Comp. by Grand Rapids association of commerce. [2d ed.] Grand Rapids [1916?]
31 p. illus. 23 cm.

On cover: A remarkable city, Grand Rapids; a record of its development and accomplishments.

Only Ed

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A Remarkable City

GRAND RAPIDS

A Record of Its Development and Accomplishments

308
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SECOND EDITION

A Statistical Record

Showing the Comparative
Standing of

Grand Rapids

With Her Sister Cities

Also showing the
Growth and Development
of the City since
1900

DECEMBER 1916

Compiled by
Grand Rapids Association
of Commerce

ETHERIDGE SERVICE::GRAND RAPIDS

FOREWORD

IN PUBLISHING this booklet, the second edition, we have endeavored to let the pictures and statistics tell the story. Our aim is to reveal the growth and development of Grand Rapids since the year 1900 and also to show how Grand Rapids compares with other cities. The pictures are all taken from actual photographs and the figures are all of record and can be verified.

The comparative figures were furnished by the Bureau of the Census, Washington, D. C., the National Board of Fire Underwriters, New York, N. Y., Brown's 1915 Gas Directory, and the State Board of Tax Commisioners at Lansing, Mich. We have tried to be absolutely fair in all comparisons showing the standing of Grand Rapids, whether favorable or unfavorable. All statistics are the latest possible obtainable.

In making the comparisons with other cities we have confined our efforts to those cities having an estimated population of one hundred thou-

Dec. 22, 1917 AET

sand or over at the time the figures were computed. These estimates are made by the Bureau of the Census at Washington. In the Per Capita Fire Loss Comparison the population is also shown as the estimates were made by the National Board of Underwriters.

The statistics on Home Ownership were compiled from the 1910 federal census. It is generally conceded that if the figures for the present time were available that Grand Rapids would occupy first place. It will be noticed that all the cities ranking near Grand Rapids in this comparison are Pacific Coast cities, but as far as the eastern section of our country is concerned Grand Rapids ranks supreme.

The figures relative to Death Rates are shown to reveal the health conditions of the various cities. The figures for any one year might be misleading; had the average figures for the past ten years been used they would have shown Grand Rapids as the healthiest large city east of the Mississippi River and the sixth healthiest in the United States. The rates for 1915 and 1916 have both been lowered.

In showing Gas Rates the net rates for the smallest consumption are shown. In many cases these rates grade downward as the consumption increases. This is also true of water rates.

The Per Capita Revenue Receipts of a city come as near as possible to being the per capita tax as can be determined and this comparison shows the tax conditions in the large cities throughout the United States. The Per Capita Payments for Governmental Costs represent the monies spent by municipalities to defray actual running expenses. It must be remembered that these figures fluctuate consideraly every year. Net Indebtedness is determined by deducting from gross indebtedness all sinking fund assets.

In the comparison of tax rates of Michigan cities Grand Rapids occupies a very enviable position. The figures were furnished by the State Board of Tax Commissioners and are based upon a 100% valuation. In determining the per capita rate all taxes including State, County, School, Highway and City have been taken into consideration.

The population figures showing the growth of Grand Rapids since 1850, the year the city was incorporated, reveal the fact that at no time has this city passed through a period of stagnation, nor experienced at any time a "mushroom" development, either of which is disastrous to any city.

Another gratifying condition is that Grand Rapids has developed more rapidly and substantially during the past

five years than during any time in her past history. A safe, sound, steady and conservative development that any city can well afford to be proud of is the enjoyment of all those who have the honor and pleasure of calling Grand Rapids "home."

It is realized that all questions which might be asked about a city cannot be answered by pictures and statistics. While we have endeavored to use every possible available comparison we know there is much additional information interested persons will seek and that will be cheerfully furnished upon application to the

GRAND RAPIDS
ASSOCIATION OF COMMERCE.

New Pantlind Hotel
Cost $2,000,000 Completed 1915

The Peninsular Club
Completed 1915

Official Federal Estimate of the Population of the Principal Cities of the United States, July 1, 1915.

New York, N. Y.	5,468,190
Chicago, Ill.	2,447,845
Philadelphia, Pa.	1,683,664
St. Louis, Mo.	745,988
Boston, Mass.	745,139
Cleveland, Ohio	657,311
Baltimore, Md.	584,605
Detroit, Mich.	554,717
Los Angeles, Cal.	475,367
Buffalo, N. Y.	461,335
San Francisco, Cal.	456,009
Milwaukee, Wis.	428,062
Cincinnati, Ohio	406,706
Newark, N. J.	399,000
New Orleans, La.	366,484
Washington, D. C.	358,679
Minneapolis, Minn.	353,460
Seattle, Wash.	330,834
Jersey City, N. J.	300,133
Kansas City, Mo.	289,879
Portland, Ore.	272,833
Indianapolis, Ind.	265,578
Denver, Colo.	253,161
Rochester, N. Y.	250,747
Providence, R. I.	250,025
St. Paul, Minn.	241,999
Louisville, Ky.	237,012
Columbus, Ohio	209,722
Oakland, Cal.	190,803
Toledo, Ohio	187,840
Atlanta, Ga.	184,873
Birmingham, Ala.	174,108
Omaha, Neb.	163,200
Worcester, Mass.	160,523
Richmond, Va.	154,674
Syracuse, N. Y.	152,534
New Haven, Conn.	147,095
Memphis, Tenn.	146,113
Scranton, Pa.	144,081
Spokane, Wash.	142,990
Paterson, N. J.	136,374
Fall River, Mass.	126,904
GRAND RAPIDS, MICH.	125,759
Dayton, Ohio	125,509
San Antonio, Tex.	119,447
Dallas, Tex.	118,482
Bridgeport, Conn.	118,434
Nashville, Tenn.	115,978
New Bedford, Mass.	114,694
Salt Lake City, Utah	113,567
Lowell, Mass.	112,124
Cambridge, Mass.	111,669
Trenton, N. J.	109,136
Hartford, Conn.	108,969
Houston, Tex.	108,172
Tacoma, Wash.	108,094
Reading, Pa.	107,594
Youngstown, Ohio	104,489
Camden, N. J.	104,349
Albany, N. Y.	103,580
Springfield, Mass.	103,216
Lynn, Mass.	100,316

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Albany, N. Y.	103,580
Springfield, Mass.	103,216
Lynn, Mass.	100,316

PER CENT. OF HOME OWNERSHIP

	Per Cent
Spokane, Wash.	51.3
GRAND RAPIDS, MICH.	47.9
Oakland, Cal.	46.7
Portland, Ore.	46.3
Salt Lake City, Utah	45.1
Seattle, Wash.	44.9
Los Angeles, Cal.	44.7
Toledo, Ohio	44.3
Rochester, N. Y.	42.1
Detroit, Mich.	41.2
St. Paul, Minn.	41.2
San Antonio, Texas	40.7
Minneapolis, Minn.	40.4
Omaha, Neb.	39.8
Syracuse, N. Y.	39.7
Dayton, Ohio	38.1
Scranton, Pa.	37.6
Milwaukee, Wis.	36.4
Denver, Colo.	36.2
Kansas City, Mo.	36.2
Dallas, Texas	36.0
Columbus, Ohio	35.7
Cleveland, Ohio	35.2
Buffalo, N. Y.	34.2
Baltimore, Md.	33.7
Indianapolis, Ind.	33.0
San Francisco, Cal.	33.0
Trenton, N. J.	31.2
Nashville, Tenn.	30.6
Birmingham, Ala.	29.7
Pittsburgh, Pa.	28.0
Albany, N. Y.	26.9
Louisville, Ky.	26.6
Philadelphia, Pa.	26.6
Chicago, Ill.	26.2
New Haven, Conn.	25.5
New Bedford, Conn.	25.3
Memphis, Tenn.	25.2
Washington, D. C.	25.2
St. Louis, Mo.	25.0
Atlanta, Ga.	24.7
Worcester, Mass.	24.4
Paterson, N. J.	24.0
Richmond, Va.	24.0
Cincinnati, Ohio	23.2
New Orleans, La.	23.1
Lowell, Mass.	22.4
Bridgeport, Conn.	22.1
Hartford, Conn.	21.5
Providence, R. I.	20.8
Jersey City, N. J.	20.2
Newark, N. J.	20.0
Cambridge, Mass.	18.9
Fall River, Mass.	17.8
Boston, Mass.	17.1
New York, N. Y.	11.7

DEATH RATE FROM ALL CAUSES PER 1,000 POPULATION, 1914

†Seattle, Wash.	8.1
†Spokane, Wash.	8.6
†Portland, Ore.	9.6
St. Paul, Minn.	11.4
Oakland, Cal.	11.6
Milwaukee, Wis.	11.8
Minneapolis, Minn.	12.0
Cleveland, O.	12.8
GRAND RAPIDS, MICH.	12.9
Los Angeles, Cal.	12.9
Denver, Colo.	13.2
Cambridge, Mass.	13.2
Paterson, N. J.	13.5
Omaha, Nebr.	13.8
Jersey City, N. J.	13.8
Dayton, Ohio	13.8
Kansas City, Mo.	14.0
New York, N. Y.	14.1
Chicago, Ill.	14.2
Rochester, N. Y.	14.3
Newark, N. J.	14.5
Columbus, O.	14.8
Syracuse, N. Y.	14.8
St. Louis, Mo.	15.0
Bridgeport, Conn.	15.0
Providence, R. I.	15.2
San Francisco, Cal.	15.5
Buffalo, N. Y.	15.5
Toledo, Ohio	15.5
Detroit, Mich.	15.6
Pittsburgh, Pa.	15.7
Worcester, Mass.	15.7
Scranton, Pa.	15.8
Lowell, Mass.	15.9
Indianapolis, Ind.	15.9
Cincinnati, Ohio	16.0
Boston, Mass.	16.1
Philadelphia, Pa.	16.1
New Haven, Conn.	16.1
‡Atlanta, Ga.	16.5
‡Louisville, Ky.	16.5
‡Washington, D. C.	16.6
Fall River, Mass.	17.3
‡Birmingham, Ala.	17.5
‡Baltimore, Md.	18.1
‡Nashville, Tenn.	18.4
Albany, N. Y.	19.4
‡Richmond, Va.	19.7
‡New Orleans, La.	20.5
‡Memphis, Tenn.	20.7

‡Ten per cent. or more of population is colored.

†Federal estimate of population now admitted too high, causing a corresponding decrease in death rate.

FIRE LOSSES IN 1915

CITY	POPULATION	LOSS PER CAPITA
Oakland, Calif.	200,000	$ .61
Reading, Pa.	110,000	.69
Pittsburgh, Pa.	570,000	.85
Youngstown, Ohio	105,000	.88
Cincinnati, Ohio	408,440	.90
Denver, Colo.	253,000	.97
New York, N. Y.	5,742,099	1.00
Baltimore, Md.	600,000	1.01
Washington, D. C.	358,000	1.01
New Haven, Conn.	150,000	1.03
Bridgeport, Conn.	120,000	1.11
Milwaukee, Wis.	428,000	1.14
Jersey City, N. J.	270,903	1.15
Philadelphia, Pa.	1,680,000	1.18
Salt Lake City, Utah	110,000	1.19
New Orleans, La.	365,000	1.30
Columbus, Ohio	210,000	1.31
Scranton, Pa.	145,000	1.38
Providence, R. I.	247,660	1.47
Cleveland, Ohio	670,000	1.48
Springfield, Mass.	102,971	1.56
Syracuse, N. Y.	145,293	1.56
New Bedford, Mass.	109,568	1.61
Buffalo, N. Y.	454,630	1.67
Dayton, Ohio	125,000	1.70
Lowell, Mass.	107,978	1.70
St. Louis, Mo.	800,000	1.79
Rochester, N. Y.	248,465	1.86
Worcester, Mass.	162,697	1.91
Toledo, Ohio	200,000	1.95
Cambridge, Mass.	108,822	1.96
Louisville, Ky.	250,000	1.97
Kansas City, Mo.	285,000	2.03
Omaha, Nebr.	165,000	2.03
Chicago, Ill.	2,455,000	2.08
Fall River, Mass.	124,791	2.13
San Antonio, Tex.	120,000	2.29
Indianapolis, Ind.	265,578	2.30
Los Angeles, Calif.	500,000	2.31
Detroit, Mich.	600,000	2.31
Birmingham, Ala.	174,000	2.39
Tacoma, Wash.	103,158	2.45
Albany, N. Y.	107,979	2.69
Hartford, Conn.	112,000	2.69
Atlanta, Ga.	185,000	2.72
Des Moines, Ia.	105,652	2.73
Paterson, N. J.	124,815	2.73
Richmond, Va.	160,000	2.87
Memphis, Tenn.	146,000	2.91
Newark, N. J.	366,721	3.08
GRAND RAPIDS, MICH.	125,000	3.25
Nashville, Tenn.	116,000	3.33
Houston, Tex.	115,000	3.56
Minneapolis, Minn.	354,000	3.60
Boston, Mass.	745,439	4.03
Camden, N. J.	102,212	4.03
St. Paul, Minn.	250,000	4.11
Seattle, Wash.	310,000	4.23
Spokane, Wash.	140,000	4.38
Dallas, Tex.	120,000	4.52
Portland, Ore.	275,000	4.72
Trenton, N. J.	103,190	8.11

ARTIFICIAL GAS RATES

(Net per 1,000 cubic feet)

Indianapolis, Ind.	$ .55
Los Angeles, Cal.	.68
Detroit, Mich.	.75
San Francisco, Cal.	.75
Worcester, Mass.	.75
GRAND RAPIDS, MICH.	.80
St. Louis, Mo.	.80
Baltimore, Md.	.80
Boston, Mass.	.80
Cambridge, Mass.	.80
Chicago, Ill.	.80
Cleveland, Ohio	.80
Denver, Colo.	.80
Fall River, Mass.	.80
Minneapolis, Minn.	.80
New Bedford, Mass.	.80
New York, N. Y.	.80
Lowell, Mass.	.85
Providence, R. I.	.85
Washington, D. C.	.85
Camden, N. J.	.90
Newark, N. J.	.90
Paterson, N. J.	.90
Hartford, Conn.	.90
Oakland, Cal.	.90
Jersey City, N. J.	.90
New Haven, Conn.	.90
Richmond, Va.	.90
St. Paul, Minn.	.90
Trenton, N. J.	.90
Birmingham, Ala.	.95
Portland, Ore.	.95
Rochester, N. Y.	.95
Scranton, Pa.	.95
Toledo, Ohio	.95
Atlanta, Ga.	.99
Albany, N. Y.	1.00
Buffalo, N. Y.	1.00
Lynn, Mass.	1.00
Memphis, Tenn.	1.00
Nashville, Tenn.	1.00
New Orleans, La.	1.00
Bridgeport, Conn.	1.00
Philadelphia, Pa.	1.00
Pittsburgh, Pa.	1.00
Reading, Pa.	1.00
Seattle, Wash.	1.00
Omaha, Nebr.	1.15
Tacoma, Wash.	1.15
San Antonio, Tex.	1.25
Salt Lake City, Utah	1.30
Spokane, Wash.	1.40

WATER RATES

(Per hundred cubic feet)

Philadelphia, Pa.	.03	Filtered
Cleveland, Ohio	.04	
Reading, Pa.	.04	Filtered
Washington, D. C.	.04	Filtered
Buffalo, N. Y.	.04½	
Milwaukee, Wis.	.04½	
GRAND RAPIDS, MICH.	.05	Filtered
Salt Lake City, Utah	.05¼	
Albany, N. Y.	.06	Filtered
Dayton, Ohio	.06	
Detroit, Mich.	.06	
Minneapolis, Minn.	.06	Filtered
St. Paul, Minn.	.06	
Seattle, Wash.	.06	
Chicago, Ill.	.06¼	
Baltimore, Md.	.06½	
Toledo, Ohio	.06¾	Filtered
Los Angeles, Cal.	.07	
New Orleans, La.	.07½	Filtered
Spokane, Wash.	.07½	
Cincinnati, Ohio	.08	Filtered
San Antonio, Texas	.08⅖	
Columbus, Ohio	.09	Filtered
Atlanta, Ga.	.10	Filtered
New York City, N. Y.	.10	
Rochester, N. Y.	.10½	Filtered
New Bedford, Mass.	.11	
Richmond, Va.	.11	Filtered
Birmingham, Ala.	.11¼	Filtered
Louisville, Ky.	.11¼	Filtered
Jersey City, N. J.	.11½	
Hartford, Conn.	.12	
Syracuse, N. Y.	.12	
Portland, Ore.	.12½	
Denver, Colo.	.12¾	Filtered
Bridgeport, Conn.	.13½	
Indianapolis, Ind.	.13½	Filtered
New Haven, Conn.	.13½	Filtered
Pittsburgh, Pa.	.13½	Filtered
Trenton, N. J.	.13½	Filtered
Boston, Mass.	.14	
Lowell, Mass.	.14	
Cambridge, Mass.	.15	
Camden, N. J.	.15	
Nashville, Tenn.	.15	
Providence, R. I.	.15	Filtered
St. Louis, Mo.	.15	Filtered
Worcester, Mass.	.15	
Omaha, Neb.	.17½	
Memphis, Tenn.	.18	
Kansas City, Mo.	.18¾	
Dallas, Texas	.19	Filtered
Fall River, Mass.	.21	
Springfield, Mass.	.22	
Paterson, N. J.	.22½	
Scranton, Pa.	.22½	Filtered
Oakland, Cal.	.24	Filtered
San Francisco, Cal.	.25	
Newark, N. J.	.30⅗	
Tacoma, Wash.	.33⅓	

First Methodist Church
Completed 1916

POPULATION

YEAR	POPULATION
1850	2,686
1860	8,985
1870	16,507
1880	32,016
1890	60,278
1900	87,565
1910	112,571
1915	*130,000
1916	*135,000

*Estimated.

The Finest and Largest Masonic Temple in Michigan
Completed 1916

WATER RATES

(Per hundred cubic feet)

Philadelphia, Pa.	.03	Filtered
Cleveland, Ohio	.04	
Reading, Pa.	.04	Filtered
Washington, D. C.	.04	Filtered
Buffalo, N. Y.	.04½	
Milwaukee, Wis.	.04½	
GRAND RAPIDS, MICH.	.05	Filtered
Salt Lake City, Utah	.05¼	
Albany, N. Y.	.06	Filtered
Dayton, Ohio	.06	
Detroit, Mich.	.06	
Minneapolis, Minn.	.06	Filtered
St. Paul, Minn.	.06	
Seattle, Wash.	.06	
Chicago, Ill.	.06¼	
Baltimore, Md.	.06½	
Toledo, Ohio	.06¾	Filtered
Los Angeles, Cal.	.07	
New Orleans, La.	.07½	Filtered
Spokane, Wash.	.07½	
Cincinnati, Ohio	.08	Filtered
San Antonio, Texas	.08 2/5	
Columbus, Ohio	.09	Filtered
Atlanta, Ga.	.10	Filtered
New York City, N. Y.	.10	
Rochester, N. Y.	.10½	Filtered
New Bedford, Mass.	.11	
Richmond, Va.	.11	Filtered
Birmingham, Ala.	.11¼	Filtered
Louisville, Ky.	.11¼	Filtered
Jersey City, N. J.	.11½	
Hartford, Conn.	.12	
Syracuse, N. Y.	.12	
Portland, Ore.	.12½	
Denver, Colo.	.12¾	Filtered
Bridgeport, Conn.	.13½	
Indianapolis, Ind.	.13½	Filtered
New Haven, Conn.	.13½	Filtered
Pittsburgh, Pa.	.13½	Filtered
Trenton, N. J.	.13½	Filtered
Boston, Mass.	.14	
Lowell, Mass.	.14	
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Camden, N. J.	.15	
Nashville, Tenn.	.15	
Providence, R. I.	.15	Filtered
St. Louis, Mo.	.15	Filtered
Worcester, Mass.	.15	
Omaha, Neb.	.17½	
Memphis, Tenn.	.18	
Kansas City, Mo.	.18¾	
Dallas, Texas	.19	Filtered
Fall River, Mass.	.21	
Springfield, Mass.	.22	
Paterson, N. J.	.22½	
Scranton, Pa.	.22½	Filtered
Oakland, Cal.	.24	Filtered
San Francisco, Cal.	.25	
Newark, N. J.	.30 3/5	
Tacoma, Wash.	.33⅓	

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*Estimated.

The Finest and Largest Masonic Temple in Michigan
Completed 1916

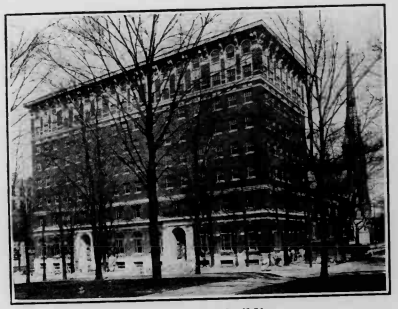
A Typical Furniture Factory
Completed 1915

BUILDING PERMITS

YEAR	NUMBER	AMOUNT
1900	498	$ 735,951
1901	727	1,061,550
1902	976	1,388,944
1903	1,176	1,386,704
1904	1,328	1,635,624
1905	1,486	2,145,265
1906	1,250	2,181,306
1907	1,174	2,053,756
1908	1,064	2,181,759
1909	1,290	2,872,427
1910	1,268	2,255,621
1911	1,280	2,508,714
1912	1,432	2,457,211
1913	1,758	4,142,904
1914	1,983	4,175,119
1915	1,905	2,684,037
1916	.....	*3,250,000

*Estimated.

The Municipal Filtration Plant
Cost $400,000 Completed 1914

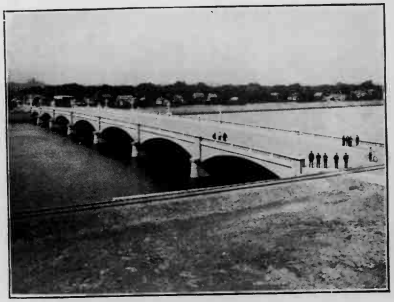


Y. M. C. A. Building
Completed 1915

PUBLIC LIBRARY

YEAR	NUMBER OF VOLUMES	TOTAL USE
1900	56,402	223,097
1901	58,132	239,776
1902	60,762	227,574
1903	62,234	226,526
1904	63,091	*143,615
1905	66,520	249,872
1906	73,573	337,590
1907	83,354	461,028
1908	92,558	598,233
1909	101,433	654,713
1910	107,447	641,822
1911	115,650	659,069
1912	122,152	733,776
1913	131,484	790,235
1914	145,018	851,687
1915	157,172	939,825

*Change in law making this year cover seven months only.



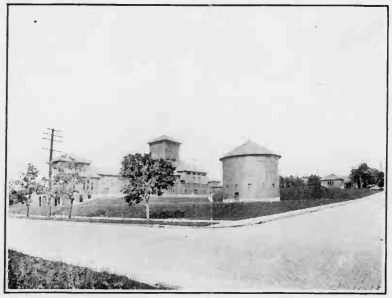
A Typical Concrete Bridge Spanning
Grand River

A Typical Furniture Factory
Completed 1915

BUILDING PERMITS

YEAR	NUMBER	AMOUNT
1900	498	$ 735,951
1901	727	1,061,550
1902	976	1,388,944
1903	1,176	1,386,704
1904	1,328	1,635,624
1905	1,486	2,145,265
1906	1,250	2,181,306
1907	1,174	2,053,756
1908	1,064	2,181,759
1909	1,290	2,872,427
1910	1,268	2,255,621
1911	1,280	2,508,714
1912	1,432	2,457,211
1913	1,758	4,142,904
1914	1,983	4,175,119
1915	1,905	2,684,037
1916	.....	*3,250,000

*Estimated.



The Municipal Filtration Plant
Cost $400,000 Completed 1914

Y. M. C. A. Building
Completed 1915

PUBLIC LIBRARY

YEAR	NUMBER OF VOLUMES	TOTAL USE
1900	56,402	223,097
1901	58,132	239,776
1902	60,762	227,574
1903	62,234	226,526
1904	63,091	*143,615
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1906	73,573	337,590
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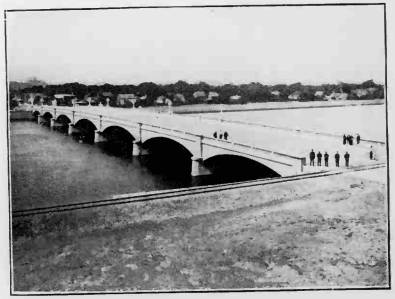


A Typical Concrete Bridge Spanning
Grand River

The New Temple of the Knights of Columbus
Completed 1916

BUILDING AND LOAN ASSOCIATIONS

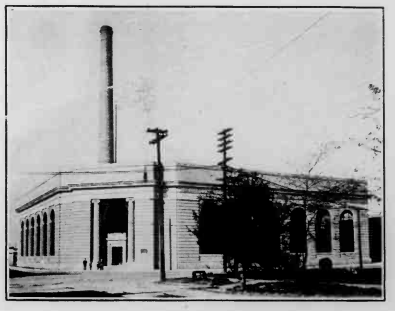
YEAR	TOTAL MEMBERSHIP	BORROWING MEMBERS	ASSETS
1900	2,310	664	$ 864,618
1901	2,281	695	830,551
1902	2,754	868	917,067
1903	3,064	1,031	1,058,552
1904	3,380	1,112	1,224,631
1905	3,622	1,244	1,363,399
1906	4,041	1,342	1,531,547
1907	4,192	1,381	1,762,636
1908	4,506	1,475	1,925,541
1909	5,042	1,809	2,213,919
1910	5,873	2,157	2,583,196
1911	6,587	2,379	3,047,188
1912	7,433	2,655	3,604,100
1913	8,003	2,927	4,145,018
1914	8,555	3,080	4,475,623
1915	8,804	3,301	4,867,981

A $60,000 Bakery Completed 1916

Sheldon School
Completed 1916

SCHOOL ENROLLMENT

YEAR	PUBLIC SCHOOLS	PAROCHIAL SCHOOLS	TOTAL ENROLLMENT
1900	15,882	3,007	18,889
1901	15,937	3,599	19,536
1902	15,880	4,283	20,163
1903	15,730	4,403	20,133
1904	15,662	4,450	20,112
1905	15,539	5,112	20,651
1906	15,621	5,928	21,549
1907	15,650	5,853	21,503
1908	15,970	5,293	21,163
1909	15,983	5,926	21,909
1910	16,248	6,325	22,573
1911	16,505	7,043	23,548
1912	16,584	7,341	23,925
1913	17,352	7,286	24,638
1914	17,689	7,475	25,164
1915	17,844	7,598	25,442
1916	18,280	7,697	25,977



Municipal Pumping Station

The New Temple of the Knights of Columbus
Completed 1916

BUILDING AND LOAN ASSOCIATIONS

YEAR	TOTAL MEMBERSHIP	BORROWING MEMBERS	ASSETS
1900	2,310	664	$ 864,618
1901	2,281	695	830,551
1902	2,754	868	917,067
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1905	3,622	1,244	1,363,399
1906	4,041	1,342	1,531,547
1907	4,192	1,381	1,762,636
1908	4,506	1,475	1,925,541
1909	5,042	1,809	2,213,919
1910	5,873	2,157	2,583,196
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Sheldon School
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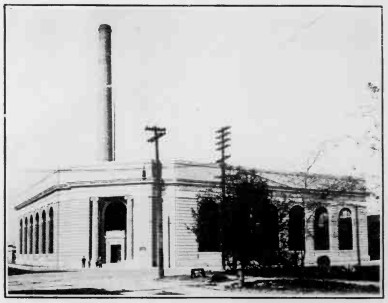
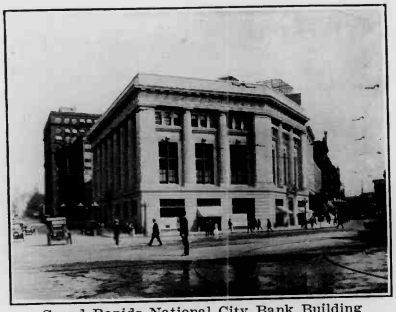


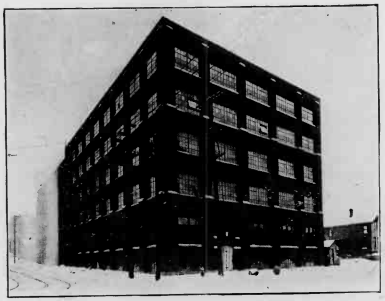
Municipal Pumping Station



Grand Rapids National City Bank Building
Completed 1915

TOTAL BANK DEPOSITS

YEAR	AMOUNT
Feb. 1900	$13,137,813
Feb. 1901	14,565,647
Feb. 1902	18,465,125
Feb. 1903	20,712,079
Jan. 1904	20,954,414
Jan. 1905	21,415,024
Jan. 1906	23,430,566
Jan. 1907	25,147,615
Feb. 1908	25,024,049
Feb. 1909	25,665,803
Jan. 1910	27,906,387
Jan. 1911	30,033,697
Feb. 1912	31,386,456
Feb. 1913	33,953,288
Jan. 1914	34,281,682
Mar. 1915	34,672,217
Mar. 1916	38,468,270



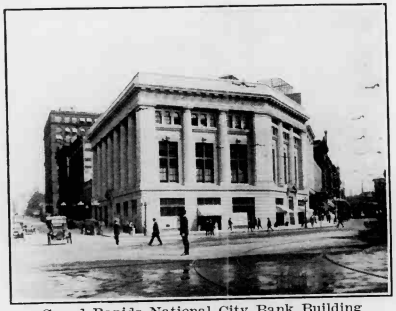
A Typical Wholesale House
Completed 1916

The first of a $1,000,000 group of additional buildings for Calvin College
Under Construction 1916

POST OFFICE RECEIPTS

YEAR	AMOUNT
1900	$232,952.60
1901	246,847.31
1902	281,826.46
1903	314,200.44
1904	334,822.88
1905	342,925.61
1906	373,986.45
1907	390,292.41
1908	401,334.87
1909	441,234.87
1910	494,302.37
1911	498,688.61
1912	551,898.18
1913	626,416.61
1914	653,144.19
1915	663,289.33

South High School
Completed 1915



Grand Rapids National City Bank Building
Completed 1915

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YEAR	AMOUNT
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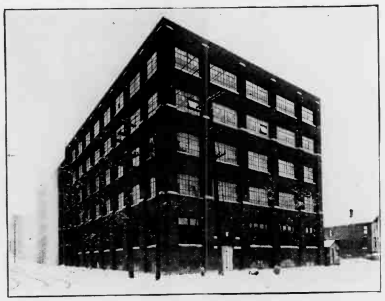
Jan. 1907	25,147,615
Feb. 1908	25,024,049
Feb. 1909	25,665,803
Jan. 1910	27,906,387
Jan. 1911	30,033,697
Feb. 1912	31,386,456
Feb. 1913	33,953,288
Jan. 1914	34,281,682
Mar. 1915	34,672,217
Mar. 1916	38,468,270



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1908	401,334.87
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1910	494,302.37
1911	498,688.61
1912	551,898.18
1913	626,416.61
1914	653,144.19
1915	663,289.33

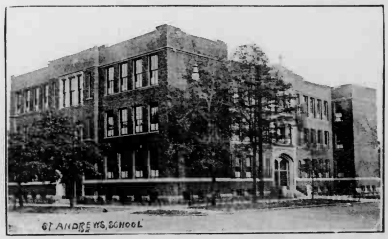
South High School
Completed 1915

One of several Churches built in Grand Rapids in 1916

BANK LOANS AND DISCOUNTS

YEAR	AMOUNT
Feb. 1900	$10,179,257
Feb. 1901	10,804,420
Feb. 1902	13,594,610
Feb. 1903	14,822,866
Jan. 1904	15,548,834
Jan. 1905	15,868,050
Jan. 1906	17,285,829
Jan. 1907	18,508,940
Feb. 1908	17,473,739
Feb. 1909	16,124,205
Feb. 1910	18,537,703
Jan. 1911	19,048,535
Feb. 1912	20,166,717
Feb. 1913	22,396,205
Jan. 1914	22,052,290
Mar. 1915	21,660,961
Mar. 1916	23,198,316

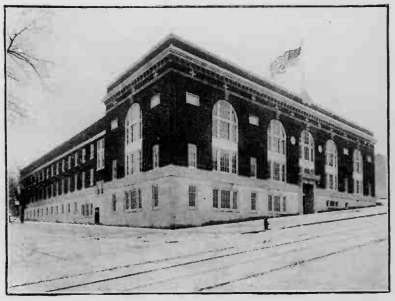
A Typical Grade School
Completed 1915



St. Andrews School (Parochial)
Completed 1916

ASSESSED VALUATION

YEAR	AMOUNT
1900	$ 43,264,021
1901	59,956,729
1902	71,313,491
1903	72,348,811
1904	73,933,600
1905	74,507,026
1906	77,036,000
1907	78,834,500
1908	80,043,002
1909	83,528,700
1910	85,324,200
1911	89,143,665
1912	93,235,238
1913	102,293,177
1914	160,842,216
1915	163,026,822
1916	163,726,341



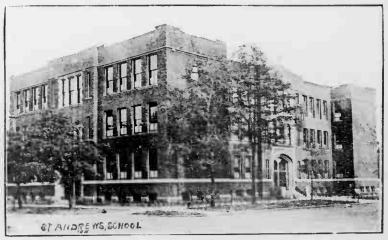
Michigan National Guard Armory
Completed 1916

One of several Churches built in Grand Rapids in 1916

BANK LOANS AND DISCOUNTS

YEAR	AMOUNT
Feb. 1900	$10,179,257
Feb. 1901	10,804,420
Feb. 1902	13,594,610
Feb. 1903	14,822,866
Jan. 1904	15,548,834
Jan. 1905	15,868,050
Jan. 1906	17,285,829
Jan. 1907	18,508,940
Feb. 1908	17,473,739
Feb. 1909	16,124,205
Feb. 1910	18,537,703
Jan. 1911	19,048,535
Feb. 1912	20,166,717
Feb. 1913	22,396,205
Jan. 1914	22,052,290
Mar. 1915	21,660,961
Mar. 1916	23,198,316

A Typical Grade School
Completed 1915



St. Andrews School (Parochial)
Completed 1916

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YEAR	AMOUNT
1900	$ 43,264,021
1901	59,956,729
1902	71,313,491
1903	72,348,811
1904	73,933,600
1905	74,507,026
1906	77,036,000
1907	78,834,500
1908	80,043,002
1909	83,528,700
1910	85,324,200
1911	89,143,665
1912	93,235,238
1913	102,293,177
1914	160,842,216
1915	163,026,822
1916	163,726,341

Michigan National Guard Armory
Completed 1916

The New Home of one of Grand Rapids' Department Store
Completed 1916

Bank and Trust Companies Capital and Surplus

YEAR	AMOUNT
Feb. 1900	$3,514,000
Feb. 1901	3,560,000
Feb. 1902	3,585,000
Feb. 1903	3,657,000
Jan. 1904	3,974,000
Jan. 1905	4,010,000
Jan. 1906	4,585,000
Jan. 1907	4,765,000
Feb. 1908	4,679,500
Apr. 1909	4,863,000
Jan. 1910	5,049,500
Jan. 1911	5,158,500
Apr. 1912	5,392,000
Feb. 1913	5,770,000
Mar. 1914	6,323,700
Mar. 1915	6,547,000
Mar. 1916	6,685,000

Commercial Savings Bank Building
Completed 1916

TOTAL BANK RESOURCES AND LIABILITIES

1900	$17,884,695.11
1901	21,293,752.49
1902	24,901,426.98
1903	26,815,878.59
1904	28,216,035.72
1905	29,443,880.72
1906	32,067,839.25
1907	31,744,612.48
1908	31,602,612.22
1909	33,622,287.89
1910	35,422,959.56
1911	37,165,488.32
1912	40,108,504.78
1913	41,748,744.54
1914	44,498,530.41
1915	43,030,694.20
1916	47,191,209.60

The New Home of one of Grand Rapids' Department Store
Completed 1916

Bank and Trust Companies Capital and Surplus

YEAR	AMOUNT
Feb. 1900	$3,514,000
Feb. 1901	3,560,000
Feb. 1902	3,585,000
Feb. 1903	3,657,000
Jan. 1904	3,974,000
Jan. 1905	4,010,000
Jan. 1906	4,585,000
Jan. 1907	4,765,000
Feb. 1908	4,679,500
Apr. 1909	4,863,000
Jan. 1910	5,049,500
Jan. 1911	5,158,500
Apr. 1912	5,392,000
Feb. 1913	5,770,000
Mar. 1914	6,323,700
Mar. 1915	6,547,000
Mar. 1916	6,685,000

Commercial Savings Bank Building
Completed 1916

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1908	31,602,612.22
1909	33,622,287.89
1910	35,422,959.56
1911	37,165,488.32
1912	40,108,504.78
1913	41,748,744.54
1914	44,498,530.41
1915	43,030,694.20
1916	47,191,209.60

Grand Rapids Savings Bank Building
Completed 1916

BANK CLEARINGS

YEAR	AMOUNT
1900	$ 62,712,673
1901	69,768,292
1902	83,004,538
1903	97,704,458
1904	101,037,199
1905	108,755,281
1906	117,310,240
1907	121,943,337
1908	105,268,273
1909	123,782,904
1910	137,738,064
1911	139,176,400
1912	166,987,574
1913	170,674,607
1914	168,038,735
1915	175,419,458
1916	*222,000,000

*Estimated.

INCREASE IN VALUE OF MANUFACTURED PRODUCTS 1909-1914

CITIES	Percent of Increase
Toledo, Ohio	87.9
Birmingham, Ala.	78.8
Detroit, Mich.	59.2
Los Angeles, Calif	50.8
Camden, N. J.	45.3
Springfield, Mass.	39.8
San Antonio, Tex.	32.9
Richmond, Va.	32.0
Cambridge, Mass.	30.0
Bridgeport, Conn.	29.7
Memphis, Tenn.	29.4
Jersey City, N. J.	27.8
Oakland, Calif.	27.7
Cleveland, Ohio	27.5
Seattle, Wash.	26.7
Atlanta, Ga.	25.2
Rochester, N. Y.	24.9
Salt Lake City, Utah	24.8
New Bedford, Mass.	23.0
San Francisco, Calif.	22.0
Boston, Mass.	19.9
Portland, Ore.	18.7
GRAND RAPIDS, MICH.	18.0
Dayton, Ohio	17.7
Columbus, Ohio	17.5
United States	**17.3**
St. Paul, Minn.	16.4
Chicago, Ill.	15.7
Dallas, Tex.	15.2
Baltimore, Md.	15.1
Buffalo, N. Y.	14.8
District of Columbia	14.3
New Haven, Conn.	13.5
Tacoma, Wash.	13.3
Paterson, N. J.	13.2
New York, N. Y.	13.1
Nashville, Tenn.	12.2
Omaha, Nebr.	11.5
Minneapolis, Minn.	11.4
Indianapolis, Ind.	10.9
Scranton, Pa.	10.9
Albany, N. Y.	10.8
Kansas City, Mo.	10.6
St. Louis, Mo.	9.5
Cincinnati, Ohio	9.4
Worcester, Mass.	7.4
Milwaukee, Wis.	6.9
Syracuse, N. Y.	5.6
Philadelphia, Pa.	5.5
Hartford, Conn.	5.1
Newark, N. J.	4.3
Trenton, N. J.	4.2
Reading, Pa.	4.1
Louisville, Ky.	3.9
Pittsburg, Pa.	1.4
Fall River, Mass.	0.8
Denver, Colo.	0.1
Providence, R. I.	**3.2**
Lowell, Mass.	**6.1**
Spokane, Wash.	**10.6**
New Orleans, La.	**11.6**

Grand Rapids Savings Bank Building
Completed 1916

BANK CLEARINGS

YEAR	AMOUNT
1900	$ 62,712,673
1901	69,768,292
1902	83,004,538
1903	97,704,458
1904	101,037,199
1905	108,755,281
1906	117,310,240
1907	121,943,337
1908	105,268,273
1909	123,782,904
1910	137,738,064
1911	139,176,400
1912	166,987,574
1913	170,674,607
1914	168,038,735
1915	175,419,458
1916	*222,000,000

*Estimated.

INCREASE IN VALUE OF MANUFACTURED PRODUCTS 1909-1914

CITIES	Percent of Increase
Toledo, Ohio	87.9
Birmingham, Ala.	78.8
Detroit, Mich.	59.2
Los Angeles, Calif	50.8
Camden, N. J.	45.3
Springfield, Mass.	39.8
San Antonio, Tex.	32.9
Richmond, Va.	32.0
Cambridge, Mass.	30.0
Bridgeport, Conn.	29.7
Memphis, Tenn.	29.4
Jersey City, N. J.	27.8
Oakland, Calif.	27.7
Cleveland, Ohio	27.5
Seattle, Wash.	26.7
Atlanta, Ga.	25.2
Rochester, N. Y.	24.9
Salt Lake City, Utah	24.8
New Bedford, Mass.	23.0
San Francisco, Calif.	22.0
Boston, Mass.	19.9
Portland, Ore.	18.7
GRAND RAPIDS, MICH.	18.0
Dayton, Ohio	17.7
Columbus, Ohio	17.5
United States	**17.3**
St. Paul, Minn.	16.4
Chicago, Ill.	15.7
Dallas, Tex.	15.2
Baltimore, Md.	15.1
Buffalo, N. Y.	14.8
District of Columbia	14.3
New Haven, Conn.	13.5
Tacoma, Wash.	13.3
Paterson, N. J.	13.2
New York, N. Y.	13.1
Nashville, Tenn.	12.2
Omaha, Nebr.	11.5
Minneapolis, Minn.	11.4
Indianapolis, Ind.	10.9
Scranton, Pa.	10.9
Albany, N. Y.	10.8
Kansas City, Mo.	10.6
St. Louis, Mo.	9.5
Cincinnati, Ohio	9.4
Worcester, Mass.	7.4
Milwaukee, Wis.	6.9
Syracuse, N. Y.	5.6
Philadelphia, Pa.	5.5
Hartford, Conn.	5.1
Newark, N. J.	4.3
Trenton, N. J.	4.2
Reading, Pa.	4.1
Louisville, Ky.	3.9
Pittsburg, Pa.	1.4
Fall River, Mass.	0.8
Denver, Colo.	0.1
Providence, R. I.	**3.2**
Lowell, Mass.	**6.1**
Spokane, Wash.	**10.6**
New Orleans, La.	**11.6**

PER CAPITA NET REVENUE RECEIPTS, 1915

Los Angeles, California	$53.11
Seattle, Washington	46.46
Boston, Massachusetts	45.22
San Francisco, California	43.52
Washington, D. C.	42.36
Portland, Oregon	37.60
New York, New York	36.74
Kansas City, Missouri	35.97
Tacoma, Washington	35.28
Pittsburgh, Pennsylvania	35.07
Springfield, Massachusetts	34.99
Chicago, Illinois	33.15
Cincinnati, Ohio	33.15
Hartford, Connecticut	33.10
Oakland, California	32.87
Buffalo, New York	32.54
Detroit, Michigan	31.85
St. Louis, Missouri	31.48
Dallas, Texas	30.11
Rochester, New York	30.07
Minneapolis, Minnesota	29.97
Newark, New Jersey	29.90
Milwaukee, Wisconsin	29.80
Average All Cities	**29.43**
Omaha, Nebraska	29.01
Cambridge, Massachusetts	28.59
Albany, New York	28.53
Worcester, Massachusetts	28.17
Cleveland, Ohio	27.99
New Bedford, Massachusetts	27.69
Spokane, Washington	27.62
Richmond, Virginia	27.59
Salt Lake City, Utah	27.22
Philadelphia, Pennsylvania	26.71
Houston, Texas	26.28
Baltimore, Maryland	25.98
Syracuse, New York	25.97
Denver, Colorado	25.61
Providence, Rhode Island	25.31
Louisville, Kentucky	24.76
GRAND RAPIDS, MICHIGAN	24.70
Dayton, Ohio	23.86
Columbus, Ohio	23.24
Indianapolis, Indiana	22.93
Toledo, Ohio	22.77
New Orleans, Louisiana	22.53
Memphis, Tennessee	22.50
Fall River, Massachusetts	22.46
Jersey City, New Jersey	22.19
St. Paul, Minnesota	21.92
Trenton, New Jersey	21.06
Youngstown, Ohio	20.85
Lowell, Massachusetts	20.72
Atlanta, Georgia	20.66
New Haven, Connecticut	20.44
Bridgeport, Connecticut	19.87
Nashvillle, Tennessee	18.89
San Antonio, Texas	16.91
Camden, New Jersey	16.72
Paterson, New Jersey	16.57
Birmingham, Alabama	16.29
Scranton, Pennsylvania	13.97
Reading, Pennsylvania	13.49

PER CAPITA NET GOVERNMENTAL COST PAYMENTS, 1915

Seattle, Wash.	$57.77
Los Angeles, Cal.	55.55
Springfield, Mass.	54.33
San Francisco, Cal.	53.88
Newark, N. J.	49.27
Boston, Mass.	47.04
Hartford, Conn.	46.61
Houston, Tex.	45.11
New York, N. Y.	43.92
Portland, Oreg.	43.32
Cincinnati, Ohio	41.98
Cleveland, Ohio	40.89
Albany, N. Y.	40.49
Pittsburgh, Pa.	39.18
Kansas City, Mo.	38.91
Baltimore, Md.	38.38
Detroit, Mich.	38.13
Buffalo, N. Y.	37.97
Oakland, Cal.	37.69
Dallas, Tex.	36.14
Washington, D. C.	35.50
Minneapolis, Minn.	34.80
Richmond, Va.	34.52
Average all cities	**33.92**
Worcester, Mass.	33.92
Milwaukee, Wis.	33.86
Rochester, N. Y.	33.76
Chicago, Ill.	33.54
San Antonio, Tex.	33.53
Salt Lake City, Utah	33.38
Tacoma, Wash.	32.74
St. Louis, Mo.	31.19
Providence, R. I.	31.16
Omaha, Neb.	30.71
Youngstown, Ohio	30.11
Cambridge, Mass.	28.97
New Bedford, Mass.	28.92
St. Paul, Minn.	28.58
Toledo, Ohio	28.39
Philadelphia, Pa.	28.09
Columbus, Ohio	27.62
New Orleans, La.	27.41
Syracuse, N. Y.	27.19
Memphis, Tenn.	27.05
GRAND RAPIDS, MICH.	26.53
Trenton, N. J.	26.24
Louisville, Ky.	26.23
Nashville, Tenn.	25.30
Denver, Colo.	24.79
Spokane, Wash.	23.85
Indianapolis, Ind.	23.72
Bridgeport, Conn.	23.68
Dayton, Ohio	22.78
Fall River, Mass.	22.61
New Haven, Conn.	22.14
Camden, N. J.	21.30
Paterson, N. J.	21.18
Lowell, Mass.	21.16
Jersey City, N. J.	20.58
Atlanta, Ga.	20.16
Reading, Pa.	16.70
Scranton, Pa.	15.99
Birmingham, Ala.	15.58

NET PER CAPITA INDEBTEDNESS FISCAL YEARS ENDING IN 1915

New York, N. Y.	$172.82
Cincinnati, Ohio	148.79
New Orleans, La.	118.61
Omaha, Nebr.	114.73
Boston, Mass.	113.10
Baltimore, Md	102.86
Seattle, Wash.	99.12
Tacoma, Wash.	96.08
Newark, N. J.	94.99
Los Angeles, Cal.	94.38
San Francisco, Cal.	94.27
Houston, Tex.	94.13
Pittsburgh, Pa.	91.93
Cleveland, Ohio	89.26
Memphis, Tenn.	85.80
Richmond, Va.	82.70
Hartford, Conn.	81.90
Syracuse, N. Y.	80.10
Average all cities	**75.56**
Springfield, Mass.	75.38
New Bedford, Mass.	72.38
Buffalo, N. Y.	71.54
Jersey City, N. J.	66.53
Cambridge, Mass.	65.03
Portland, Oreg.	61.72
Philadelphia, Pa.	61.44
Spokane, Wash.	57.23
Salt Lake City, Utah	56.71
Albany, N. Y.	56.17
Providence, R. I.	55.46
Minneapolis, Minn.	55.34
Toledo, Ohio	54.31
Oakland, Cal.	53.11
Nashville, Tenn.	52.55
Dallas, Tex.	52.38
Louisville, Ky.	50.60
Columbus, Ohio	49.10
Dayton, Ohio	48.54
San Antonio, Tex.	48.20
Worcester, Mass.	47.86
Rochester, N. Y.	47.21
St. Paul, Minn.	44.60
Camden, N. J.	42.73
Fall River, Mass.	40.25
Youngstown, Ohio	39.27
Birmingham, Ala.	35.57
Paterson, N. J.	35.02
Kansas City, Mo.	34.32
Milwaukee, Wis.	34.27
Detroit, Mich.	33.65
GRAND RAPIDS, MICH.	30.56
St. Louis, Mo.	29.72
New Haven, Conn.	29.31
Chicago, Ill.	27.49
Atlanta, Ga.	27.44
Trenton, N. J.	25.31
Lowell, Mass.	24.09
Bridgeport, Conn.	22.58
Reading, Pa.	20.46
Indianapolis, Ind.	18.67
Scranton, Pa.	17.95
Washington, D. C.	17.48
Denver, Colo.	3.70

PER CENT. OF ALL TAXES USED FOR EDUCATION

	Per Cent
Salt Lake City, Utah	46.3
Scranton, Pennsylvania	44.5
Youngstown, Ohio	43.9
GRAND RAPIDS, MICHIGAN	42.0
Trenton, New Jersey	41.6
Camden, New Jersey	41.4
Oakland, California	40.4
Paterson, New Jersey	39.3
Toledo, Ohio	38.9
New Haven, Connecticut	38.4
Omaha, Nebraska	37.8
Jersey City, New Jersey	37.4
Columbus, Ohio	37.3
Reading, Pennsylvania	37.2
Spokane, Washington	37.2
Tacoma, Washington	36.6
Fall River, Massachusetts	36.3
Portland, Oregon	36.0
Kansas City, Missouri	35.3
Hartford, Connecticut	35.0
Los Angeles, California	35.0
Birmingham, Alabama	34.7
Minneapolis, Minnesota	34.6
Worcester, Massachusetts	34.5
Dayton, Ohio	34.3
Dallas, Texas	33.7
San Antonio, Texas	33.7
Springfield, Massachusetts	33.6
Houston, Texas	33.0
Indianapolis, Indiana	32.7
Cleveland, Ohio	31.5
Cambridge, Massachusetts	30.9
Newark, New Jersey	30.6
Average All Cities	**30.1**
St. Paul, Minnesota	29.8
Denver, Colorado	29.6
New Bedford, Massachusetts	29.6
Lowell, Massachusetts	29.4
Providence, Rhode Island	29.4
Nashville, Tennessee	29.2
Milwaukee, Wisconsin	29.0
Pittsburgh, Pennsylvania	29.0
Albany, New York	28.6
New York, New York	28.6
St. Louis, Missouri	28.4
Syracuse, New York	28.0
Rochester, New York	27.8
Bridgeport, Connecticut	27.4
Richmond, Virginia	27.1
Seattle, Washington	26.9
Chicago, Illinois	26.4
Cincinnati, Ohio	26.3
Memphis, Tennessee	26.2
Washington, D. C.	25.8
Buffalo, New York	25.5
Boston, Massachusetts	25.3
Louisville, Kentucky	25.3
Philadelphia, Pennsylvania	25.1
Detroit, Michigan	24.4
Atlanta, Georgia	24.0
New Orleans, Louisiana	22.4
Baltimore, Maryland	21.8
San Francisco, California	19.1

Average Rate in 1915 of Taxation for All Purposes on Each $1,000 of Assessed Valuation in Each City in Michigan Having a Population of Over 5,000

Monroe	$15.87
Holland	16.09
Ironwood	16.69
Negaunee	17.03
GRAND RAPIDS	17.39
Kalamazoo	18.10
Muskegon	18.11
Ishpeming	18.41
Battle Creek	18.48
Marquette	19.26
Adrian	19.42
Mt. Clemens	19.59
Jackson	19.98
St. Joseph	20.02
Hillsdale	20.34
Albion	20.52
Flint	20.75
Owosso	21.02
Saginaw	21.57
Ionia	21.58
Lansing	21.59
Grand Haven	21.61
Benton Harbor	21.82
Coldwater	22.49
Wyandotte	22.97
Port Huron	23.02
Niles	23.29
Alpena	24.69
Pontiac	25.33
Dowagiac	26.04
Ann Arbor	26.13
Ypsilanti	26.75
Bay City	27.40
Traverse City	28.13
Detroit	29.32
Cadillac	30.37
Manistee	30.76
Boyne City	33.31
Sault Ste. Marie	33.49
Hancock	34.64
Ludington	34.73
Iron Mountain	38.21
Menominee	38.32
Escanaba	43.87
Gladstone	52.10

For additional information about Grand Rapids write to the

Grand Rapids Association of Commerce.

MSH 21102

END OF
TITLE